

2450

NORTHERN REGION - R-1

FOREST = 10 - Flathead *

DISTRICT 08 - Tally Lake *

Expiration Date = April 1, 2016

V15.1

TIMBER SALE AND
TRANSACTION EVIDENCE
APPRAISAL REPORT

Lost Pilot Timber Sale

(SALE NAME)

Select Contract Type

TIM # 16801

TYPE 6 - Contract Form 2400-6

UOM TON

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Reviewed by (Signature)

(Date)

Recommended by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

TIMBER SALE INFORMATION

TIM, Gate 3, Create Timber Sale (Prep101)

Sale Area Description:

Primary County Name (FIPS Code): *

Sale Area Legal Description (short T & R):

Sale Area Legal Description (long):

The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.

Compartment (s):

Environmental Documentation:

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
<input type="text" value="Valley Face Fuels Reduction Project (DN)"/>	<input type="text" value="100"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale: _____

Briefly describe additions or changes made to project design during timber sale preparation.

TSPIRS INFORMATION, SALE OBJECTIVES

TIM, Gate 3, Create Timber Sale (Prep101)

Purpose (TIM -PREP101)

Activity

% of Sale Volume - CCF (TIM - PREP101)

TC - Timber Commodity Purpose *	01 - Timber Purpose *	100
*	*	
*	*	

SALE PURPOSE AND ACTIVITY CODING INSTRUCTIONS

www.fs.fed.us/im/directives/fsh/2409.18/2409.18_20.doc

SALVAGE SALE FUND INFORMATION

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)

Reference to FSH 2409.19 - 71.12 - for assistance with SSF collections

https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc

SSF Silviculture Treatment Type (Pick one)

Salvage plus Stand Improvement *

SSF Volume (CCF): % of total volume

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

CRUISE INFORMATION

CRUISE:	#	<input type="text" value="16801"/>	CHECK CRUISE:	
Date of Cruise		<input type="text" value="6/1/2014"/>	Date of Check:	<input type="text" value="Office 12/05/2014"/>
Cruisers:	<input type="text" value="J. Vanderschaaf"/> <input type="text" value="K. Smiley"/> <input type="text" value="E. Michael(Assistant)"/> <input type="text" value="B. Hylton(Assistant)"/> <input type="text" value="Cory Anderson"/>		Cruisers:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Method:	<input type="text" value="STR"/>		Results:	<input type="text" value="Pass"/>
SE%:	<input type="text" value="7.74"/>			

Method of determining ROW volume:

Basis for Percent Defect:

APPRAISAL CCF TO TON WORKSHEET

SAWTIMBER - CCF

<u>Species</u>	<u>Defect %</u>	<u>Net Volume</u>	<u>Total Additional</u>	<u>Total Net</u>	<u>Tons Per CCF</u>	<u>Total Tons</u>
017-GF	0	0	0	0	3.1275	0
019-AF	0	0	0	0	2.4735	0
073-L	8	82	0	82	3.1935	262
093-S	0	0	0	0	2.7040	0
108-LP	11	232	0	232	3.0210	701
119-WP	0	0	0	0	3.2230	0
122-PP	8	35	0	35	3.2230	113
204-DF	11	216	0	216	3.0160	651
242-C	0	0	0	0	2.3540	0
263-H	0	0	0	0	3.2425	0
TOTAL =	10	565	0	565	3.0566	1727

Net MBF/CCF Ratio For
Sawtimber From NCS
Report CS1 **.47244**

TIM	Prep 105
Conversion	Factors
MBF	CCF
.15460	.32720

NON-SAWTIMBER - CCF

<u>Species</u>	<u>Net Volume</u>	<u>Additional Non-Saw</u>	<u>Total Net</u>	<u>Tons Per CCF</u>	<u>Total Tons</u>
GF	0		0	2.9470	0
AF	0		0	2.3340	0
L	42		42	3.0785	129
S	0		0	2.6330	0
LP	182		182	3.0200	550
WP	0		0	3.1500	0
PP	5		5	3.1510	16
DF	87		87	2.7885	243
C	0		0	2.1400	0
H	0		0	3.0590	0
TOTAL =	316	0	316	2.9684	938

 %Dead

Net MBF/CCF Ratio For
Non-Sawtimber From NCS
Report CS1 **.59512**

TIM	Prep 105
Conversion	Factors
MBF	CCF
.20050	.33690

TOTALS =	<u>Gross</u>	<u>Net</u>	<u>Tons</u>
	0	881	2665

APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	<u>881</u>
APPRAISAL VOLUME (CCF)	<u>565</u>
CONTRACT VOLUME (TONS)	<u>2665</u> (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	<u>3.0200</u>

LOGGING METHOD SUMMARY

Sawlog Volume

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse	TOTAL	Swing Not Included in Totals
Acres	151	0	0	0	0	0	151	0
Volume	565	0	0	0	0	0	565	0
AEYD	718	0	0	0	0	0		
% Acres	100%	0%	0%	0%	0%	0%		
% Vol	100%	0%	0%	0%	0%	0%		

HARVEST METHOD SUMMARY

	ClearCut	Seed Tree	Shelter Wood	Final Seed Tree	Intermed	Final Shelter wood	Selection	Other Changes
Acres	0	0	0	0	150	0	1	0
Volume	0	0	0	0	556	0	9	0
% Acres	0%	0%	0%	0%	99%	0%	1%	0%
% Vol	0%	0%	0%	0%	98%	0%	2%	0%

CCF

TOTAL

151
565

ASSIGN CONTRACT SPECIES

TIM Gate 3 - Prep 105

Contract Species Association

Contract species shall be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.

All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species

UTILIZATION STANDARDS

TIM Gate 4 - Contract Prep Information ADVR114

Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.

Contract Species (Major Species Group)	Full Name for Contract	Conversion Factors (only applicable to weight scale sales) (Enter from Species Volume Summary)		Minimum Specifications					
		MBF	CCF	DBH	Number of Pieces	Length	DIB	Merch. Factor	
		LP	Live and Dead	Lodgepole Pine	0.1546	0.3272	6	1	8.0
& Ot	Live and Dead	DF and Other	0.1546	0.3272	7	1	8.0	5.6	10.67
					0	0	0.0	0	0
<input checked="" type="checkbox"/> ##	CS	Live and Dead	0.2005	0.3369	4	1	16.0	2.5	N/A
<input type="checkbox"/>	C14	Cedar Products - Net Merch. Factor - Refer to C(T)6.804#			0	0	0.0	0	0

NON-SAWTIMBER ADJUSTMENTS

Appraisal Point: **Split- Foothills and Bonner**

DATA INPUT

Delivered Log Price (\$/Ton, Nonsawtimber material)	\$51.69	
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	316	<i>Use LP NonSaw page for High Value Non-Saw Products of Any Species, not just Lodgepole Pine</i>
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	938	
Tons / CCF for nonsawtimber material	2.97	
Total Appraised Sawlog Volume (CCF)	565	
Total One Way Weighted Haul Miles	104	

Haul Adjustment
No Adjustment Needed if using LP Non-Saw

Logging System	All Ground Based	All Cable	Forwarder
Nonsawtimber Primary Product (CCF)	142		
Net MBF / Acre Harvested for nonsawtimber primary product	0.6	0.0	0.0
Average DBH Harvested for nonsawtimber primary product	5.6		0.0
Average Yarding Distance (Feet)	718	0	0
Nonsawtimber Primary Product (Tons)	422	0	0
Net Tons / Acre Harvested for nonsawtimber primary product	1.7	0.0	0.0

Nonsawtimber Adjustment	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	\$29.75
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	\$0.00

A Negative Adjustment has been Rounded to Zero

LP Non-Saw

LP Non-Saw page can be used for any Species of High Value Non-Saw Products, not just Lodgepole Pine.

Report CS 4 - Nonsaw					
Live LP Nonsaw Pri. and Sec. (CS4)	Dead LP Primary Nonsaw (CS4)	Total LP Live and Dead Pri/Sec Nonsaw	Total LP Primary Nonsaw (R101)	Total LP Secondary Nonsaw	Total Live LP Primary Nonsaw
18172	53	18225	6592	11633	6539
<u>182</u>	<u>1</u>	<u>182</u>	<u>66</u>	<u>116</u>	<u>65</u>
% of Tot	% of Tot				
0.9971	0.0029				
Tons/CCF	Tons/CCF				
3.0200	2.0390				
Average Tons/CCF					
<u>3.0171</u>					
Enter on Species Appraisal (Tons)					
		LPD Prim	1		
		LPL Prim	65		
		LP Sec	116		
		<u>Total</u>	<u>182</u>		
% LPD Prim. Post Material		0%	→	0	Tons
LPL Prim. and LP Secondary		→	548	Tons	
Total LP Post and Pole Material		→	548	Tons	
Entered from Appraisal CCF to Ton Worksheet					
Total Nonsaw Tons		→	938	Tons	
Other Nonsaw Material		→	390	Tons	

Nonsaw Value and Weighted Haul						
Appraisal Point (P&P Material)		St. Ignatius MT				
Species	Weighted Haul Miles					
LPL, LPD	Gravel	Paved	Total Haul	Qty (Tons)	Value/Ton	
	4	81	85	548	\$60.00	
Appraisal Point		Bonner MT				
Species	Weighted Haul Miles					
All Other	Gravel	Paved	Total Haul	Qty (Tons)	Value/Ton	
	4	127	131	390	\$40.00	
Total Nonsaw (Tons)		938				
Weighted Haul Miles		104.1	Weighted Value/Ton	\$51.69		

RIGHTS - OF - WAY

(Include Cost share Agreements)

Road Name	Road #	Length	Type of Agreement	Agreement with (Names)

ROAD MAINTENANCE

(From Road Maintenance Appraisal Summary, sheets are attached)

Contract Rates

	\$/CCF	\$/TON	
Total Performance Recurrent Maintenance (Part A)			
C(T)5.31 - Recurrent Maintenance	\$1.22	\$0.40	
C(T)5.312 - Reconditioning	\$0.00	\$0.00	
Total Performance (Part A)	\$1.22	\$0.40	(A)
Total Required Deposits (Recurrent and Deferred) (Part B)	\$2.42	\$0.80	Recurrent
(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADV105)	\$0.00	\$0.00	Deferred
C(T)5.32# - Total Required Deposits (Part B)	\$2.42	\$0.80	(B)
C(T)5.314 - Total Dust Abatement (Part C)	\$0.00	\$0.00	(C)
TOTAL MAINTENANCE COST (Parts A-B-C)	\$3.65	\$1.21	

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	\$ \$3.78 CCF
Total Road Maintenance Costs (Performance + Deposits)	\$ \$5.68 CCF

*Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.
(Attach worksheets with road costs)*

Specified Road Construction

LOGGING METHOD SUMMARY

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	TOTAL
Acres	151	0	0	0	0	151
Volume	565	0	0	0	0	565
EYD	718	0	0	0	0	

Check Box if accomplishing road construction or re-construction work under timber sale.

BASE RATE ADJUSTMENT FOR REGENERATION COST

Total Required Regeneration Costs - FACTS Line 21 Remarks \$0.00
 (Subtotal for Required Reforestation with National Program Support Cost Included)

Note: Base Rates may be raised for regeneration on only the Sawtimber component for green sales or % of Live Sawtimber on Salvage sales.
 In previously partial cut stands that are to be regenerated, protected regeneration cost shall be proportionate to remaining volume in the sale.

Sale Volume (ALL Vol./Products) _____ CCF X \$0.25 (NFF) 881 \$0.25 \$220.25 % Adjustment For Partial Cut Stands

Select Either (A) or (B)

(A) Green Sale - Required Regen Cost \$ 100% Sawtimber Vol. = \$0.00 100% \$0.00 (d) 0%

(B) Salvage Sales enter % Live Sawtimber Volume;
 For Partial Cut Stands Use Previously Cut Worksheet.

Total: \$220.25 (a)

<u>Species Groups</u>	Volume (CCF)	<u>Minimum Rates 1/</u>		<u>Base Rates 2/</u>	
		Per CCF	Total	Per CCF	Total
WP, PP, C	35	\$5.00	\$175.00	\$5.00	\$175.00
All other species (list)	530	\$3.00	\$1,590.00	\$3.00	\$1,590.00
Nonsawtimber (all species)	316	\$1.00	\$316.00	\$1.00	\$316.00
TOTALS	881	XXXXXX	\$2,081.00	XXXXXX	\$2,081.00
			(b)		
Sawtimber (Appraisal) Volume	565				
		Weighted Average Minimum Rate			\$3.12

(a) - (b) = (c) amount need in addition to base rates (plus \$.25/CCF) -\$1,860.75 (c)

Note: If minimum rate total (b) => (a) no adjustment needed No Adjustment

Adjustment To Minimum Rate:
 \$ _____ (c) / (Total Sawtimber Volume) CCF = \$ ____/CCF 0 565 \$0.00

1/ Minimum rates: FSH 2409.22, Chp 80, Sect. 81
 (Base rates for Sawtimber can be weighted if appraising and advertising as a single species group (DF,O))

2/ Minimum rate + adjustment = Base Rate

FACTS INFORMATION
 (Enter Sale Information - SAIP100)

Amount of Stumpage Available for Protected KV at Base Rates = \$0.00
 (The only stumpage available for KV at advertised rates is when KV is protected by base rates)

EROSION CONTROL

Seed mix is to be included in C(T)6.601# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in Road Package.

Make sure that the seed mix and fertilizer are the same in both Contract and Road Package.

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
-----------------	-----------------

Blue Wildrye	5
Mountain Brome	9
Bluebunch Wheatgrass	4
Slender Wheatgrass	6

TOTAL	24
-------	----

Type of Fertilizer	Pounds per Acre
--------------------	-----------------

0	0
---	---

TOTAL	0
-------	---

Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

Scarification - Landings and Skid Trails ONLY

acres @ per acre =

Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads feet = acres
 Firelines feet = acres

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Landings

Number of landings X acres per landing = acres

TOTAL acres

Acres	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse
	151	0	0	0	0	0

Seed mix, fert., labor costs:

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>	=	<u>\$ per Acre</u>
Blue Wildrye	5	X	\$10.00	=	\$50.00
Mountain Brome	9	X	\$10.00	=	\$90.00
Bluebunch Wheatgrass	4	X	\$10.00	=	\$40.00
Slender Wheatgrass	6	X	\$10.00	=	\$60.00
0	0	X		=	\$0.00
Fertilizer	0	X		=	\$0.00
*Labor per Acre				=	\$19.98

\$ per acre **\$259.98**

Total cost for

SEEDING	10.0	acres	X	\$240.00	\$/acre =	\$2,400.00
FERTILIZER	10.0	acres	X	\$0.00	\$/acre =	\$0.00
LABOR	10.0	acres	X	\$19.98	\$/acre =	\$199.80
SCARIFICATION						\$0.00
TOTAL						\$2,599.80

\$2,599.80 COST / **565** CCF = **\$4.60** PER CCF

* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

Document Rational for Changes to Standard Seed Mix.

North Valley Ag provided a price quote of \$10.00/lb or \$500.00/50lbs on 1/14/16

OTHER CONTRACTUAL REQUIREMENTS (A)

**Other - Include Contractual Obligations Requiring Performance Bond Coverage
(Road closure, Barriers, Trail Restoration, etc.)**

ITEM	#	X	COST	=	TOT COST
Earth Berm Removal	1	X	\$150.00 per Berm	=	\$150.00
		X		=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$150.00 Cost / **565** CCF = **\$0.27** CCF

Subtotal Other Contractual Requirements (A) = \$0.27 CCF

OTHER CONTRACTUAL REQUIREMENTS (B)

The cost allowance for herbicide application has been based on the following assumptions; 300 gallon sprayer with herbicide injectors (not tank mixed); 20 gallon of carrier/ac; one trip will be required for each herbicide per road; labor rate and production includes mix, loading, cleanup and daily documentation; misc. expenses include equipment maintenance and depreciation, herbicide storage and handling and licensing fees. One mile of road with an average ROW of 30 feet is equal to 3.6 acres. Herbicides approved for use are listed in K-G.2.7# under Technical Spraying Specifications.

<u>Herbicide</u> (Common name)	<u>Application Rate oz</u> per acre	<u>Cost</u> Per oz	<u>Cost per</u> <u>UOM</u>
2,4,D Amine	32	\$0.00	\$0.00 mile
Clopyralid(Transline)	11	\$2.15	\$85.14 mile
Picloram(Tordon)	32	\$0.00	\$0.00 mile
Aminopyralid(Milestone)	6	\$3.47	\$74.95 mile

Price quote for herbicide obtained from: North Valley Ag 1/14/16

<u>Sufactant & Dye</u> .32 oz/gal H2O	\$0.68/acre = \$2.45/ mile
<u>Labor Rate</u>	\$40/ hour (2 Miles per hour)

Miles of road to be sprayed: 4.31 miles

<u>Herbicide to be applied:</u>	<u>Miles</u>	<u>\$ UOM</u>	<u>Tot Cost</u>
2,4,D Amine		\$0.00	\$0.00
Clopyralid(Transline)	0.96	\$85.14	\$81.73
Picloram(Tordon)		\$0.00	\$0.00
Aminopyralid(Milestone)	3.35	\$74.95	\$251.08
Sufactant & dye:	4.31	\$2.45	\$10.56
Application Cost (Labor):	4.31	\$20.00	\$86.20
Misc. Expense:	4.31	\$32.00	\$137.92
TOTAL WEED TREATMENT:	\$567.49 cost	565 CCF	= \$1.00 CCF

ON-SITE EQUIPMENT WASHING K-G.3.5.1#

Cost allowance for washing off-road equipment Prior To Leaving locations identified in EIS/EA

Number (pieces of equipment)		Number of seasons	
Cleaning costs per piece	\$0.00	CCF	565

Total cost for washing equipment per CCF \$0.00 CCF

Subtotal Other Contractual Requirements (B) \$1.00 CCF

MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)

(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)

Stump Shoveling (Not required under normal operating/winter conditions. Include if clippers not allowed)

stumps X per stump =

Cost / CCF = CCF

Snow Plowing

miles X per mile X # plowings =

Cost / CCF = CCF

Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)

ITEM	#	X	COST	TOT COST
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>
XXX	<input type="text" value=""/>	X	<input type="text" value="\$0.00"/> per XXX	<input type="text" value="\$0.00"/>

Cost / CCF = CCF

Subtotal Miscellaneous Contractual Requirements (C) CCF

Total Other Contractual Requirements (A+B+C)	<input type="text" value="\$1.27"/> CCF
Brush Disposal (Purchaser and FS)	<input type="text" value="\$12.16"/> CCF
Total Environmental Protection Cost	<input type="text" value="\$13.43"/> CCF

TEMPORARY ROADS

0.55 Miles

If you have more than 5 Temporary Roads, you can lump Roads together.

Temporary Road #1

Unit 20, Rd. 11241B, Existing Template

Cost \$

\$2,486.00

Temporary Road #2

0

Cost \$

\$0.00

Temporary Road #3

0

Cost \$

\$0.00

Temporary Road #4

0

Cost \$

\$0.00

Temporary Road #5

0

Cost \$

\$0.00

**TOTAL TEMPORARY ROAD COST =
(Total Temporary Development Costs)**

\$2,486.00

\$2,486.00 Cost \$ / **565** CCF = **\$4.40** CCF

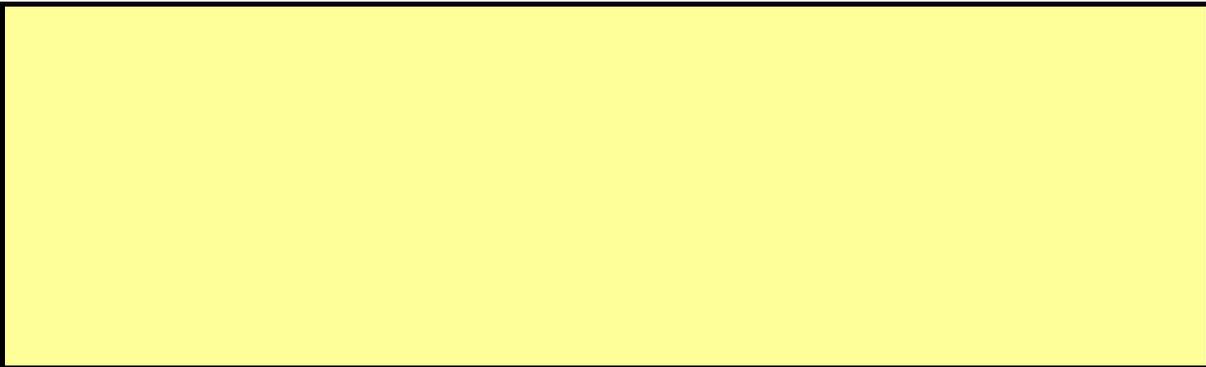
Cost Guide for Temporary Roads

http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5279261.pdf

Temporary Road Seeding, Fertilizing and Obliteration Costs per CCF

\$0.00

UNUSUAL CONDITION ADJUSTMENTS



Cost \$ / 565 CCF = \$0.00 CCF

TEMPORARY ROAD COSTS #1

Unit or Road Number: Unit 20, Rd. 11241B, Existing Template

Reference to Cost estimating procedures for temporary roads from Cost Guide pages 100-104

Average Side Slope 0 %
 Length 2900 Feet 0.55 Miles
 Volume per Acre 0

(Note: Do not adjust project costs for inflation or deflation)

Clearing and Grubbing (Table T-1)	=	\$3,660.00	Costs Prer Mile Mile
	=		Mile
Excavation (Table T-1)	=		Mile
	=		Mile
Seeding (Table T-1)	=		Mile
	=		Mile
Obliteration (Table T-1)	=		Mile
	=		Mile

Total Unit Cost Per Mile = \$3,660.00

Basic Cost Total X Length = \$2,013.00

Drainage Structures	3	Dips	X	\$150.00	=	\$450.00
		18" CMP	X		=	\$0.00
		other CMP	X		=	\$0.00

Drainage Cost Total = \$450.00

Other Requirements	###		X	\$0.00	=	\$0.00
	###		X	\$0.00	=	\$0.00
	###		X	\$0.00	=	\$0.00
	###		X	\$0.00	=	\$0.00

Other Cost Total = \$0.00

Subtotal (Basic + Drainage + Other) = \$2,463.00

Mobilization (Table T-4) 7% = \$172.00

Subtotal = \$2,635.00

TOTAL COST \$2,635.00 / 1.06 Profit = \$2,486.00

Total Cost to be entered on 2400-17

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Normal Operating Season
(ADVR114, Page 1)

			Units
First Period :	1-Jul	to	30-Sep
			ALL
Second Period:		to	

(Note: If sale has more than one NOS - List dates and units for each NOS in A16 or AT13 of Timber Sale Contract)

Periodic Payment Schedule

Approximate Award Date: mm/dd/yy

(And Road Completion Date if roads are included.)

Road Completion Date: mm/dd/yy
(ENTER N/A if no roads)

Contract Termination Date: mm/dd/yy

TIM - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

Approximate Payment Date: * This Date is for Information Only. TIM will Calculate Official Date.

As per B(T) 4.213, Periodic Payment Schedule, a periodic payment will be required. The approximate periodic payment date is XXXX. The final date will be based on the award date of this timber sale contract.

FIRE LIABILITY CALCULATION (ADVR114, Page 4)

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / w
AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

(A)	Total Volume =	<input type="text" value="881"/>	CCF
(B)	Sale Duration =	<input type="text" value="1.6"/>	YEARS (Calculated from Award Date to Termination Date)
(C)	Operating Days in Sale =	<input type="text" value="192"/>	(Sale Duration X 120 days.)
(D)	CCF Per Day =	<input type="text" value="4.6"/>	(Total Volume / Operating Days in Sale)
(E)	Men Needed to Log Sale =	<input type="text" value="0.9"/>	(CCF Per Day / 5 CCF)
(F)	Liability =	<input type="text" value="\$17.80"/> (Wage Rate AD-C)	<input type="text" value="12"/> (hrs/shift) X <input type="text" value="5"/> (# shifts) X
		<input type="text" value="0.9"/> (# men) =	TOTAL LIABILITY = <input type="text" value="\$961"/>

http://www.fs.fed.us/r1/fire/nrcq/Committees/business_committee.htm

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

ROUNDED TOTAL =

2400-17 Input Sheet for R1 TIMBER SALE APPRAISAL

Create New Sale

Sale Name	Lost Pilot Timber Sale *
Sale No	16801 *
Forest No	10 - Flathead
District No	08 - Tally Lake

Size Class	5 - \$10,000.01 thru \$100,000 *
Sale Status	7030 - Pending 14i SBO *
SBA Code	N - No *
Appraisal Type	TE - Transaction Evidence *

Basic Information

State	MT - Montana *
County Code	029 - Flathead *
Legal Description	T30N, R23W *
Appraisal Date	2/2/2016 *
Contract Date	
Term Date	9/30/2017 *
Bid Date	3/8/2016
Modified By	
Modified Date	

Salvage Code	2 - Salv Sale or Salv Component in Regular Program *
Pricing Method	FLAT - Flat Rate *
SAI Collection	\$0.00
Contract No	
Contract Form	6 - Contract Form 2400-6 *
CO Authority	S - Forest Supervisor *
Sale Method	S - Sealed Bids *
Regulation Code	12 - 36 CFR 223.86 *

Area & Volume

Total Sale Area Acres	250
Clearcut Acres	0
Seed Tree Acres	0
Right Of Way Acres	1
Final Seed Tree Acres	0
Shelter Wood Acres	0
Cedar Poles: Volume	
Count	
Length	
Percent Salvage	62%

Cut Acres	151
Clearcut Volume	0
Seed Tree Volume	0
Right Of Way Volume	9
Final Seed Tree Volume	0
Shelter Wood Volume	0

Costs / CCF

Slash FS	\$3.03
Slash Total	\$12.16
Erosion	\$4.60
Misc	\$1.27
Temp Roads	\$4.40
Other Temp Dev	\$0.00
Unusual Cond Adj	\$0.00
Road Maint Dep	\$3.78
Road Maint Total	\$5.68
Non-sawtimber Adj	\$0.00

Comments

Includes other (A), weeds (B), Misc (C)
Includes Tons/CCF Adjustment

Use this sheet to calculate advertised value and to convert \$/CCF to \$/Tons.

Attach this sheet to the 2400-17 for Documentation.

Sawtimber Rate from the 2400-17 \$36.51

Conversion to Tons

	<u>Adv. Rate</u>	<u>CCF Vol</u>	<u>Tons</u>	<u>Weighted Average Bidding</u>	<u>Total Value Bidding</u>
Sawtimber	\$36.51	565	1727	\$11.94	\$12.13
Non_Saw	\$1.00	316	938	\$0.34	\$12.13
Base Rate (Sawtimber)	\$3.12	565	1727	\$1.02	\$1.02
Total Sale Value				\$20,944.15	